

NCDOT Prioritization 3.0 Project Summary

Status: Submitted **SPOT ID:** H090636 Mode: Highway

NC-43

From/Cross Street: North of Signature Drive

To: SR 1711 (Worthington Road)

Project Category: Regional Impact

Length: 2.99

TIP#:

Fully Funded in Draft STIP?

Cost to NCDOT: \$23,896,000

Specific Improvement Type: 1 - Widen Existing Roadway

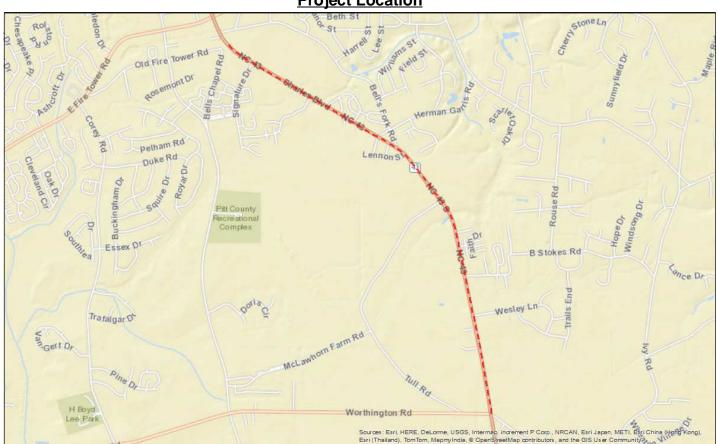
Description:

Widen Existing 2-Lane and 3-Lane Roadway to a Mulit-Lane Urban Section Facility including Sidewalk, Landscaping, and Bicycle Improvements

Division(s): Division 2 County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO

Project Location



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Statewide Mobility 1	Total:	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points	
	N/A	N/A	
Totals: Weight: 0% Weighted Score: 0			

Regional Impact Total Score: 47.09

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) Multimodal + [Freight & Military] (25%) [Travel Time] Benefit/Cost (20%)	65.65 2.71 0.00	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score:	17.09		

Division Needs Total Score: 21.49

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%) Totals: Weight: 50% Weighted Score: 2	40.46 65.65 2.71 21.49	Percent: 25% Points: 0	Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 55 2.99 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Minor Arterial Terrain Type: Level Lane Width: 11 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 13596.76 Capacity: 23295.34 Volume/Capacity Ratio: 0.58 96% % Autos: 4% % Trucks: Truck Volume: 542.49 Crash Density: 74.04 65.55 Crash Severity: 57.36 Critical Crash Rate: 0 Crash Frequency: 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 19 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 83 Actual Congested Speed: 44 Travel Time Index: 1.25

Project Benefits

Project Cross-Section: 4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks Speed Limit: 45 Length (miles): 2.99 Facility Type: Arterial Access Control: Functional Classification: TerrainType: DOT Design Lane Width: DOT Design Paved Shoulder Width: Travel Time Savings for 30 Years (Total): Travel Time Savings for 30 Years (Autos): Travel Time Savings for 30 Years (Trucks): Long-Term Employment: % Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? No CTP/LRTP Completion Year: Submitted by: Division 2		
Length (miles): Facility Type: Arterial Access Control: Partial Functional Classification: Minor Arterial TerrainType: Level DOT Design Lane Width: DOT Design Paved Shoulder Width: Travel Time Savings for 30 Years (Total): Travel Time Savings for 30 Years (Autos): Travel Time Savings for 30 Years (Trucks): Long-Term Employment: % Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? No CTP/LRTP Name: CTP/LRTP Completion Year:	Project Cross-Section:	Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and
Facility Type: Arterial Access Control: Partial Functional Classification: Minor Arterial TerrainType: Level DOT Design Lane Width: 12 DOT Design Paved Shoulder Width: Travel Time Savings for 30 Years (Total): Travel Time Savings for 30 Years (Autos): Travel Time Savings for 30 Years (Trucks): Long-Term Employment: % Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? No CTP/LRTP Name: CTP/LRTP Completion Year:	Speed Limit:	45
Access Control: Partial Functional Classification: Minor Arterial TerrainType: Level DOT Design Lane Width: 12 DOT Design Paved Shoulder Width: 12 Travel Time Savings for 30 Years (Total): -1645401.75 Travel Time Savings for 30 Years (Autos): -1579752.86 Travel Time Savings for 30 Years (Trucks): -65648.89 Years (Trucks): No Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? No CTP/LRTP Name: CTP/LRTP Completion Year:	Length (miles):	2.99
Functional Classification: Minor Arterial TerrainType: Level DOT Design Lane Width: 12 DOT Design Paved 4 Shoulder Width: Travel Time Savings for 30 Years (Total): 1579752.86 Years (Autos): 1579752.86 Years (Trucks): 1579752.86 Years (Total): 1579752.86 Years (Total	Facility Type:	Arterial
TerrainType: Level DOT Design Lane Width: 12 DOT Design Paved 4 Shoulder Width:	Access Control:	Partial
DOT Design Lane Width: DOT Design Paved Shoulder Width: Travel Time Savings for 30 Years (Total): Travel Time Savings for 30 Years (Autos): Travel Time Savings for 30 Years (Trucks): Long-Term Employment: % Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? CTP/LRTP Name: CTP/LRTP Completion Year:	Functional Classification:	Minor Arterial
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Years (Autos): Travel Time Savings for 30 Years (Trucks): Long-Term Employment: % Change in Economy: Provides Direct Connection to Transportation Terminal? Does project upgrade how the roadway functions? In CTP or LRTP? No CTP/LRTP Name: CTP/LRTP Completion Year:		-1645401.75
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the roadway functions? In CTP or LRTP? CTP/LRTP Name: CTP/LRTP Completion Year:		No
CTP/LRTP Name: CTP/LRTP Completion Year:		No
CTP/LRTP Completion Year:	In CTP or LRTP?	No
•	CTP/LRTP Name:	
Submitted by: Division 2	CTP/LRTP Completion Year:	
	Submitted by:	Division 2

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 2	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greenville Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$22,458,000	TIP Unit
Right-of-Way Cost:	\$1,284,000	Cost Estimation Tool
Utilities Cost:	\$154,000	Cost Estimation Tool
Total Project Cost:	\$23,896,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$23,896,000	

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